

CLAIMS

1. (Currently amended) An edge node that receives content from a Network Operations Center (NOC) via a satellite broadcast content distribution network and distributes it to a last mile service provider, the edge node comprising:
 - one media server capable of serving both live and non-live content;
 - a private Virtual Local Area Network (VLAN) that receives content from the satellite ~~link~~ broadcast content distribution network and distributes it to the media server;
 - a public VLAN that transmits the received content from the server to a last mile service provider and having a terrestrial communication link to the NOC;
 - where the media server is connected to both the public and private VLANs; and
 - where the media server, private VLAN, and public VLAN exist in a single computer.
2. (Previously presented) The edge node of claim 1, further comprising a VPN connecting the public VLAN to the private VLAN.
3. (Previously presented) The edge node of claim 2, where said VPN allows access to the private VLAN from a remote location.
4. (Currently amended) An edge node that receives content from a Network Operations Center (NOC) via a satellite broadcast content distribution network and distributes it to a last mile service provider, the edge node comprising:
 - a processor that executes for serving both live and non-live content;

a satellite interface, connected to the processor, that receives content from the satellite ~~link~~ broadcast content distribution network;

a wire network interface, connected to the processor, for transmitting content to the last mile service provider and having a terrestrial communication link to the NOC;

where the processor, satellite interface, and wire network interface exist in a single personal computer.

5. (Previously presented) The edge node of claim 1 where a terrestrial link provides a back channel to the NOC.

6. (Previously presented) The edge node of claim 4 where a terrestrial link provides a back channel to the NOC.

7. (Previously presented) The edge node of claim 1 where the content is streamed.

8. (Previously presented) The edge node of claim 4 where the content is streamed.

9. (Previously presented) The edge node of claim 1 further comprising one or more additional media servers capable of serving both live and non-live content.

10. (Previously presented) The edge node of claim 4 further comprising one or more additional processors capable of serving both live and non-live content.

11. (Previously presented) The edge node of claim 1 further comprising shared storage connected to the private VLAN.
12. (Previously presented) The edge node of claim 4 further comprising shared storage connected to the satellite interface and the processor.
13. (New) The edge node of claim 1 where the media server serves the received content in response to user request directed to the edge node by an Internet Redirection Engine (IRE).
14. (New) The edge node of claim 13 where the IRE is located at the NOC.
15. (New) The edge node of claim 4 where the processor serves the received content in response to user request directed to the edge node by an Internet Redirection Engine (IRE).
16. (New) The edge node of claim 15 where the IRE is located at the NOC.